| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|----------|---------------------|---------|------------------|
| L1 | 0 | 359/237,222,223,322,290,291. ccls. and substrate and transmiss\$4 and pixel and circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 and (actuator\$3 or MEMs) | USPAT | OR | OFF | 2005/03/16 20:56 |
| L2 | 0 | 359/237,222,223,322,290,291. ccls. and substrate and transmiss\$4 and pixel and circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 and (actuator\$3 or MEMs) | US-PGPUB | OR | OFF | 2005/03/16 20:49 |
| L3 | 0 | 438/311.ccls. and substrate and transmiss\$4 and pixel and circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 and (actuator\$3 or MEMs) | US-PGPUB | OR | OFF | 2005/03/16 20:50 |
| L4 | 0 | 257/347.ccls. and substrate and transmiss\$4 and pixel and circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 and (actuator\$3 or MEMs) | US-PGPUB | OR | OFF | 2005/03/16 20:50 |
| L5 | 1388 | sinclair.in. | USPAT | OR | OFF | 2005/03/16 20:50 |
| L6 | 11 | sinclair.in. and MEMS | USPAT | OR | OFF | 2005/03/16 20:50 |
| L7 | 0 | 359/223,224,288,302,621,622,623.ccls. and substrate and transmiss\$4 and pixel and circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 and (actuator\$3 or MEMs) | USPAT | OR | OFF | 2005/03/16 20:57 |
| S1 | 1 | ("20040233503").PN. | US-PGPUB | OR | OFF | 2005/03/16 13:21 |

| S2 | 195 | substrate and transmiss\$4 and | USPAT | OR | OFF | 2005/03/16 13:27 |
|-----|-----|---|-------|----|-----|------------------|
| 32 | 193 | pixel and circuit and transparent and light and (micro\$1electromechanical or MEMS) | USPAT | UK | | 2005/05/16 15:2/ |
| S3 | 40 | "359"/\$.ccls. and substrate and transmiss\$4 and pixel and circuit and transparent and light and (micro\$1electromechanical or MEMS) | USPAT | OR | OFF | 2005/03/16 15:14 |
| S4 | 155 | S2 not S3 | USPAT | OR | OFF | 2005/03/16 15:13 |
| S5 | 353 | Koichi.in. and Kimura | USPAT | OR | OFF | 2005/03/16 15:14 |
| S6 | · 1 | S5 and substrate and transmiss\$4 and pixel and circuit and transparent and light and (micro\$1electromechanical or MEMS) | USPAT | OR | OFF | 2005/03/16 15:14 |
| S7 | 72 | "359"/\$.ccls. and substrate and transmiss\$4 and pixel and circuit and transparent and light and actuator\$4 | USPAT | OR | OFF | 2005/03/16 16:57 |
| S8 | 34 | "359"/\$.ccls. and substrate and transmiss\$4 and pixel and circuit and transparent and light and actuator\$4 and open\$4 | USPAT | OR | OFF | 2005/03/16 16:59 |
| S9 | 306 | substrate and transmiss\$4 and pixel and circuit and transparent and light and actuator\$4 and (open or aperture\$2) | USPAT | OR | OFF | 2005/03/16 19:05 |
| S10 | 72 | "359"/\$.ccls. and substrate and transmiss\$4 and pixel and circuit and transparent and light and actuator\$4 | USPAT | OR | OFF | 2005/03/16 16:59 |
| S11 | 250 | S9 not S10 | USPAT | OR | OFF | 2005/03/16 16:59 |
| S12 | 195 | substrate and transmiss\$4 and pixel and circuit and transparent and light and (micro\$1electromechanical or MEMS) | USPAT | OR | OFF | 2005/03/16 16:59 |
| S13 | 146 | S11 not S12 | USPAT | OR | OFF | 2005/03/16 17:00 |
| S14 | 200 | microlens.ti. | USPAT | OR | OFF | 2005/03/16 18:20 |
| S15 | 5 | S14 and pixel\$2 and light and (spatial near light) | USPAT | OR | OFF | 2005/03/16 18:22 |
| S16 | 5 | substrate and transmiss\$4 and pixel and circuit and transparent and light and actuator\$4 and (open or aperture\$2) and (SOI) | USPAT | OR | OFF | 2005/03/16 19:08 |

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|-----|-------|---|---------|----|-----|------------------|
| S17 | 5 | substrate and transmiss\$4 and pixel and circuit and transparent and light and actuator\$4 and (open or aperture\$2) and (SOI or (silicon\$1on\$1insulator)) | USPAT . | OR | OFF | 2005/03/16 19:08 |
| S18 | 4 | substrate and transmiss\$4 and pixel and circuit and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) | USPAT | OR | OFF | 2005/03/16 19:12 |
| S19 | 4 | substrate and transmiss\$4 and pixel and circuit and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 | USPAT | OR | OFF | 2005/03/16 19:19 |
| S20 | 3 | substrate and transmiss\$4 and (pixel near2 circuit\$1) and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 | USPAT | OR | OFF | 2005/03/16 19:37 |
| S21 | 11384 | substrate and transmiss\$4 and pixel circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 | USPAT | OR | OFF | 2005/03/16 19:38 |
| S22 | 11384 | substrate and transmiss\$4 and pixel circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 and (actuator\$3) | USPAT | OR | OFF | 2005/03/16 19:38 |
| S23 | . 4 | substrate and transmiss\$4 and pixel and circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 and (actuator\$3) | USPAT | OR | OFF | 2005/03/16 19:38 |
| S24 | 4 | substrate and transmiss\$4 and pixel and circuit\$4 and transparent and light and actuator\$4 and (open or aperture\$2) and (silicon\$1on\$1insulator) and silicon and insulator\$1 and (actuator\$3 or MEMs) | USPAT | OR | OFF | 2005/03/16 20:49 |